

RECENT PAPERS BEARING ON METEOROLOGY AND SEISMOLOGY

The following titles have been selected from the contents of the periodicals and serials recently received in the Library of the Weather Bureau. The titles selected are of papers and other communications bearing on meteorology and cognate branches of science. This is not a complete index of all the journals from which it has been compiled. It shows only the articles that appear to the compiler likely to be of particular interest in connection with the work of the Weather Bureau.

Ace. Los Angeles, Calif. v. 5. February, 1924.

Carpenter, Ford A. Weather conditions in relation to air-routes along the North Pacific coast of America from southern California to northwestern Alaska. p. 5-7.

Aérophile. Paris. 32 année. Janvier 1924.

James, P. Ceux qui disparaissent: G. Eiffel. p. 30. [Obituary. With portrait.]

Akademie der Wissenschaften. Sitzungsberichte. Wien. Abt. IIa. Bd. 132 H. 1 & 2. 1923.

Exner, Felix M. Über die bildung von Windhosen und Zyklonen. p. 1-16.

Oberguggenberger, Viktor. Die durchdringende Strahlung des Bodens und der Atmosphäre in der weiteren Umgebung Innsbrucks. p. 59-68.

American meteorological society. Bulletin. Worcester, Mass. v. 5. February, 1924.

Devereaux, W. C. Some of the river problems the meteorologist can best handle. p. 25-26. [Abstract.]

Hayes, Montrose W. Some of the river problems the meteorologist can best handle. p. 26-29. [Abstract.]

Nunn, Roscoe. Possibilities of a world meteorological foundation. p. 30-31. [Abstract.]

Schneider, Herman. Meteorology in engineering. p. 23. [Abstract.]

Sullivan, W. E. Rainfall intensities and city sewerage in Cincinnati. p. 23-25. [Abstract.]

Visher, Stephen Sargent. Weather changes in Fiji. p. 22-23. [Abstract.]

Yost, Harold. Adjusting rain insurance policies. p. 17-19.

American society of heating & ventilating engineers. Journal. New York. v. 30. 1924.

Houghton, F. C., & Yagloglou, C. P. Cooling effect on human beings produced by various air velocities. p. 169-184. (Feb.)

Ingels, Margaret. The production and measurement of air dustiness. p. 135-152. (Feb.)

McConnell, W. J., Houghton, F. C., & Yagloglou, C. P. Air motion—high temperatures and various humidities—reactions on human beings. p. 199-223. (March.)

Astronomie. Paris. 38 année. Février 1924.

Antoniadi, E.-M. L'atmosphère de Mars. p. 49-57.

Ciel et terre. Bruxelles. 40 année. Février 1924.

Navarro-Neumann, Emm. Ma. S. Le tremblement de terre du Japon. p. 46-53.

Electrical world. N. Y. v. 83. March 15, 1924.

Creighton, E. E. F. Thunderstorm researches versus no lightning arresters. Comments by an American authority on the recent article by Dr. H. Norinder, describing researches on thunderstorm fields in Sweden and giving conclusions for application to system protective devices. p. 521-523.

Engineering news-record. N. Y. v. 92. Feb. 28, 1924.

Horton, Robert E. Precipitation and runoff near the continental divide. p. 355-358.

France. Académie des sciences. Comptes rendus. Paris. t. 178. 1924.

Gorczyński, Ladislas. Sur la fraction de l'intensité du rayonnement solaire, transmise, pour les diverses longueurs d'onde, par le verre rouge d'Iéna. p. 407-408. (21 janv.)

Stenz, Edward. Mesures de la radiation solaire à Jungfraujoch. p. 513-515. (28 janv.)

France. Office national météorologique. Memorial. Paris. 1 année. no. 1. 1923.

Idrac, P. Étude sur les conditions d'ascendance du vent favorable au vol à voile. p. 1-16.

Geographical journal. London. v. 63. March 1924.

Davidson, C. Distortion of the sea-bed in the Japanese earthquake of 1 September, 1923. p. 241-243.

Heating and ventilating magazine. New York. v. 21. 1924.

O'Connor, G. J. Is our climate changing? p. 53-54. (Feb.) Bryce, P. H. Studies in house humidifying. p. 43-44. (March.)

Houghton, F. C., Yagloglou, C. P., & Sayers, R. R. "Effective temperatures" or "equal comfort lines." p. 49-54. (March.)

Hemel en dampkring. Den Haag. 22 jaarg. 1924.

Gallé, P. H. Over schaatsenrijden en klimaat. p. 55-56. (Februari.) Everdingen, E. van. De winter 1923-1924. p. 89-91. (Maart.)

Iberica. Tortosa. Año 11. 8 marzo 1924.

Herrera, Emilio. La electricidad atmosférica y la aeronáutica. p. 150-153. [Abstract from Memorial de ingenieros.]

International institute of agriculture. International review of agricultural economics. Rome. new ser. v. 8. January-March, 1924.

F., E. The hail insurance effected by the "Banco de Seguros del Estado." Ley de creación y reglamento general del Banco de Seguros del Estado. p. 139-141.

Hilderbrandsson, M. Insurance of meteorological risks. p. 137-138.

T., F. L. State hail insurance in North Dakota in 1923. p. 138. [Abstr. from Economic world.]

Luftfahrt. Berlin. 28. Jahrg. Februar 1924.

Treibich, Adolf. Einführung in die moderne Wetterkunde. p. 22-24.

Marine observer. London. v. 1. 1924.

Ice in the western North Atlantic. p. 31-34. (March.) Smith, H. T. Biographical notes of some leaders of marine meteorology. 4. Admiral Robert FitzRoy, C. B., F. R. S. p. 50-52. (April.)

Nature. Paris. 52 année. 1924.

Troller, A. Gustave Eiffel. p. 79-80. (2 févr.) [Obituary. With portrait.]

Vigeron, H. Les aurores boréales. p. 85-87. (9 févr.)

Royal astronomical society of Canada. Journal. Toronto. v. 18. January-February, 1924.

Stewart, R. Meldrum. Dr. Otto Klotz. p. 1-8. [Obituary.]

Royal society of London. Proceedings. London. ser. A. v. 105. January, 1924.

Brunt, D. The dynamics of cyclones and anticyclones regarded as atmospheric vortices. p. 70-80.

Hart, Morris D. On the degradation of acoustical energy. p. 80-96.

Science, New York. v. 59. 1924.

Sanford, Fernando. Air-earth currents and others. p. 194-196. (Feb. 22.)

[Wood, Leonard.] The study of earthquakes in the Philippines. p. 294. (March 28.)

Scientific monthly. New York. v. 18. 1924.

Bretz, J. Harlen. Modern conceptions of earth history. p. 239-256. (March.) ["Climate," p. 246-251.]

Humphreys, William Jackson. Origin and growth of the weather service of the United States, and Cincinnati's part therein. p. 372-382. (April.)

Seismological society of America. Bulletin. Stanford University, Calif. v. 13. June, 1923.

Macelwane, James B. A study of the relation between the periods of elastic waves and the distance traveled by them, based upon the seismographic records of the California earthquake, January 31, 1922. p. 14-69.

Terrestrial magnetism and atmospheric electricity. Baltimore. v. 28. December, 1923.

Bauer, Louis A. Relations between the diurnal and annual variations of earth currents, terrestrial magnetism and atmospheric electricity. p. 129-140.

Chapman, S., & Whitehead, T. T. On the observations of earth potential-gradients at Ebro. p. 125-128.